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Amendment, the Patent and Trademark Office, facsimile no. (703) 872-9308, on  
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Dated: October 1, 2004

Signature: Norman Green  
(Norman Green)Docket No.: 564462005812 / 105004 / D1490-4US  
(PATENT)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Ronald V. SWANSON et al.

Application No.: 10/034,623

Art Unit: 1645

Filed: December 21, 2001

Examiner: T. K. Field

For: NUCLEIC ACIDS AND PROTEINS FROM  
CENARCHAEUM SYMBIOSUM

**RESPONSE TO RESTRICTION REQUIREMENT  
AND PRELIMINARY AMENDMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

Responsive to the Election/Restriction Requirement Office Action mailed July 01, 2004, Applicants respectfully request entry of the amendment and consideration of the remarks set forth herein. A response to the Office Action is due August 01, 2004. Applicants submit herewith a Petition for Extension of Time to extend the time to reply to this Office Action for two months. Accordingly, this Response is timely filed.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.